What is claimed is:

1. An automated test method for testing voltage tolerance of an electrical device via an operating system connected to and operative with a test instrument, the operating system being connected via one of a first connection port and a second connection port thereof to the testing instrument to perform a hi-pot test for the electrical device, the method comprising the steps of:

(1) having the operating system read and verify a serial number of the electrical device to store the serial number as a file in a predetermined folder of the operating system if the serial number is correct;

(2) having the operating system urge a test program installed therein to read the stored file of the serial number of the electrical device;

(3) establishing via the test program a connection between the test instrument and the first connection port of the operating system, and sending a control command to the test instrument via the connection between the operating system and the test instrument, so as to allow the test instrument to perform the hi-pot test for the electrical device; and,

(4) having the test program read test results of the electrical device from the test instrument using the control command, and store the test results in the predetermined folder of the operating system.

2. The automated test method of claim 1, wherein the operating system is a Factory Information System (FIS).
3. The automated test method of claim 1, wherein the test instrument is a hi-pot test instrument having a remote control function.
4. The automated test method of claim 1, wherein the operating system reads the serial number of the electrical device from a bar code on the electrical device.
5. The automated test method of claim 1, wherein the test program is a hi-pot test

program.

6. The automated test method of claim 1, wherein the operating system allows the test program to control the hi-pot test when the test program is urged by the operating system.
7. The automated test method of claim 1, further comprising a step of having the test program initialize the first connection port of the operating system to establish the connection between the test instrument and the first connection port before the step (3).
8. The automated test method of claim 7, wherein the test program switches to establish a connection between the test instrument and the second connection port of the operating system if the connection between the test instrument and the first connection port fails.
9. The automated test method of claim 1, wherein the first connection port and the second connection port are each a RS-232 connection port.
10. The automated test method of claim 6, further comprising a step of having the test program return the control of the hi-pot test back to the operating system after the step (4).